



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q85487

Kazuyuki TOHJI , et al.

Appln. No.: 10/518,934

Group Art Unit: 1755

Confirmation No.: 1299

Examiner: Patricia L. Hailey

Filed: December 22, 2004

For: HIGHLY ACTIVE PHOTOCATALYST AND PROCESS FOR PRODUCING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed ~~without a Statement Under~~ 37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of

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INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/518,934

Atty. Docket No. Q85487

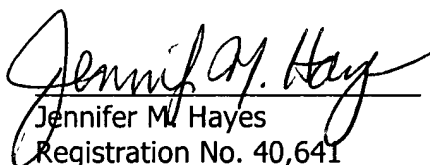
Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, each document is accompanied by an English language abstract and/or machine translation.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: March 7, 2006

Substitutes for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Complete if Known	
Application Number		10/518,934	
Confirmation Number		1299	
Filing Date		December 22, 2004	
First Named Inventor		Kazuyuki TOHJI	
Art Unit		1755	
Examiner Name		Patricia L. Hailey	
Attorney Docket Number		Q85487	
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 2005-0181942	A	08-18-2005	Tohji, et al.
		US 4,366,222		12-28-1982	Feinleib
		US 6,415,806	B1	07-09-2002	Gillis
		US 6,841,142	B1	01-11-2005	Tenne, et al.
		US 4,447,335		05-08-1984	Loeffler, et al.
		US 4,204,933		05-27-1980	Barlow, et al.
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2000-051709	A	02-22-2000	Agency of Industrial Science	Abstract
		JP	2001-239164	A	09-04-2001	Korea Res. Inst. of Chem. Tech.	Abstract
		JP	5-027178	A	02-05-1993	Laser Tec K.K.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Kazuyuki TAJI, "Ekiteki Hyomen deno Stratified Keisie to sono Shokubai eno Oyo", 1998, Vol. 68, No. 4, pages 307 to 314	None
		Machine English translation of JP2001-190964 from JPO website	English
		Machine English translation of JP2001-157843 from JPO website	English
		Machine English translation of JP07-313884 from JPO website	English

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.